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**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

**Inspection Report**  
**Minerals Regulatory Program**  
October 31, 2005

Supervisor Qa7

**Mine Name:** Bingham Canyon Mine  
**Operator Name:** Kennecott Utah Copper  
8315 West 3593 South  
P.O. Box 6001  
Magna, Utah 84044-6001

**Permit number:** M/035/002  
**Inspection Date:** October 26, 2005  
**Time:** 9:00 AM

**Inspector(s):** Doug Jensen  
**Other Participants:** Vickie Peacey, Kelly Pane  
**Mine Status:** Active

**Weather:** Clear, Warm

**Elements of Inspection**

1. Permits, Revisions, Transfer, Bonds
2. Public Safety (shafts, adits, trash, signs, highwalls)
3. Protection of Drainages / Erosion Control
4. Deleterious Material
5. Roads (maintenance, surfacing, dust control, safety)
6. Concurrent Reclamation
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)
8. Water Impoundments
9. Soils
10. Revegetation
11. Air Quality
12. Other

Evaluated	Comment	Enforcement
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**Purpose of Inspection:**  
Site familiarization.

**Inspection Summary:**

This inspection was a continuation of the site familiarization of the entire mine site. On this tour Vickie took me back to view the progress of the recontouring of the Queen Dump, the demolition of the Precipitation Plant and the demolition of the Bonneville Concentrator.

**6. Concurrent Reclamation**

Work at the Queen Dump continues on a sporadic pace, the dozer being used for this work is also a part of the mine fleet. Therefore, whenever the need arises at the mine the dozer is pulled off the recontouring work to perform work in the mine. The work being completed so far is being done on the upper portion of the dump. A large amount of material will have to be moved on the upper portion of the dump before the lower reaches of the dump is touched.

**12. Other**

The next area visited was the area of the precipitation plant. Kelly Pane joined us at this time to explain the on-going demolition and the plans for the area after the work is completed. Since Kennecott ceased the application of acidic water to the dumps, the entire precip plant is no longer



Inspection Date: October 26, 2005; Report Date: October 31, 2005

Page 2 of 2

M/035/002

needed. A portion of the plant will remain and still operate but it is more for the conditioning of acid drain-down waters from the dumps. Due to the reduction of throughput water, the operation of the plant no longer is economic. After the plant demolition is completed the area will receive a two foot cover of "clean fill material". Photos were taken of this activity.

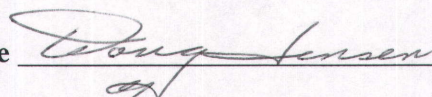
The next area inspected was the Bonneville Concentrator. Removal of panels from the mill building has begun. Removal of the structural steel of the building has not started yet. Once the shell of the building has been torn down, the removal of the mill components contained in the building will begin. Photos of this area were taken.

I discussed with Vickie the need for an updated aerial photo and mapping information, preferable in electronic form, for Dan Smith of our office. She stated that they have this information in arc view and could supply this data in that form. If the information could be received in this form it would be easy for Dan to incorporate it into our files.

**Conclusions and Recommendations:**

I will continue these inspection tours, in order to become more familiar with this site. Because of the size and the complexity and dynamics of the operation, it will take additional tours of the site to become somewhat familiar.

Inspector's Signature



Date:

Nov 2, 2005

dj:jb

cc: Paula Doughty, KUC

Attachment: Photos

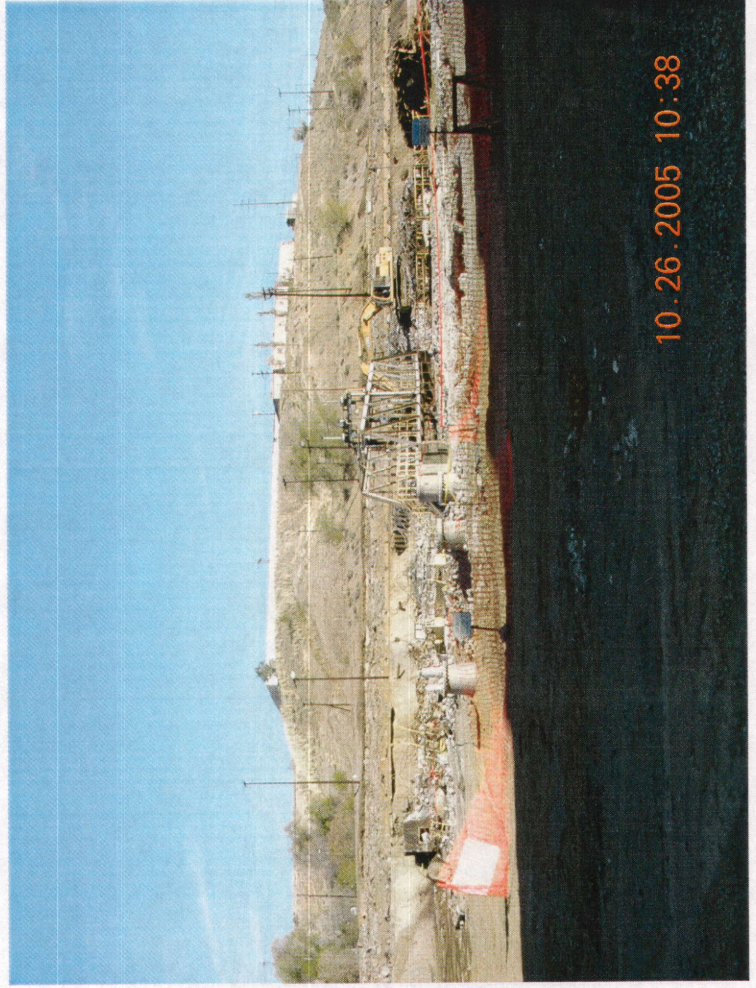
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PRECIPITATION PLANT DEMOLITION

10262005 002.jpg 2005/10/26 10:38:40



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10262005 001.jpg 2005/10/26 10:38:36



BONNEVILLE CONCENTRATOR DEMOLITION

10262005 004.jpg 2005/10/26 12:00:46



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